

AEC Group Described In Nutshell

In a glistening white marble structure on Constitution Ave. in Washington sits a group of five men, composing one of the most powerful and responsible groups in the government of the United States or any other government. It is the Atomic Energy Commission and its wide jurisdiction includes not only the massive plants such as ours here in Oak Ridge but many other units engaged in research work and other phases of development of that young giant of power — atomic energy.

Commission 'Strong, Unified'

In a recent issue of The American Magazine, Sidney Shalett interestingly described the commission as a "strong, unified group composed of five men who, despite widely divergent backgrounds, are working harmoniously together." Much has been written about these five men, so just as a sort of refresher course for readers of The Y-12 Bulletin, brief sketches of the commission members are being reviewed.

Chairman David E. Lillienthal is probably the best known of the commissioners in the South. His several years spent as head of the Tennessee Valley Authority placed him in the spotlight and now in Washington he uses a desk made from laminated cull timber, a process developed by the TVA.



Lillienthal is described by Shalett as a career public servant and definitely an intellectual. Before entering public life he was a corporation lawyer. The head of the commission is 48 years old and is married to the former Helen Lamb, an Elizabethan scholar. She helps her husband polish his speeches although he writes all the original drafts himself.

Strauss Former Hoover Secretary
Lewis L. Strauss, 51, is a former secretary to Herbert Hoover and is



a grandson of an immigrant merchant who settled in Virginia. Strauss made an outstanding success as an investment banker being a partner in the Kuhn, Loeb firm and a director in several large corporations. When called by President Truman for duty on the Atomic Energy Commission he relinquished his directorships and connection with Kuhn, Loeb at a great financial sacrifice.

Strauss is the only member of

Council To Get Incorporation Plea Thursday

A resolution calling for the incorporation of Oak Ridge and a petition requesting that the name of the Town Council be changed to "City Council" are two subjects on the agenda for open discussion at the next meeting of the Town Council which is set for January 12 at 8 p.m., at the high school auditorium.

Secretary Joseph P. Gill of the Town Council stated that both the resolution and the petition carried approximately 25 names of Oak Ridge residents. Gill also said the "cost of living" survey being conducted by the Town Council and now nearing completion would also be discussed as well as a plan to provide better banking facilities for Oak Ridge.



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Vol. 2, No. 1

OAK RIDGE, TENNESSEE

Tuesday, January 6, 1948

Y-12 FIRE PLAN CITED

Emergency Plan Training Work In Full Swing

Training classes in which hundreds of Y-12 volunteer workers will be given instruction in first aid, fire fighting and building area evacuation in case of emergency are now in full swing throughout the plant. The educational program is being offered in conjunction with the Y-12 Plant Emergency Plan evolved for the protection and safety of all employees. This plan was drafted with the objective of combatting every conceivable emergency that might threaten the plant or its employees.

Several classes providing instruction in various phases of first aid, use of gas masks and methods of fire fighting now are being conducted. As the program progresses new classes will be formed so that every employee will have an opportunity to receive training, at least in first aid. The entire training program is being coordinated by the Supervisory Training Department.

The objective of the Plant Emergency Plan is not only to give every employee an opportunity to learn measures that possibly would enable him to save the life of a fellow employee in case of an emergency but also to provide property protection.

As an example is the training being given in the use of Chemox

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Diligence Required In Safeguarding Data

Properly safeguarding "restricted data" in Y-12 as a part of the plant-wide security program requires considerable diligence and also a knowledge of Y-12 Procedure No. 55, which covers the protection of such information.

Procedure No. 55 provides that each supervisor in Y-12 be familiar with the provisions of the document, that each supervisor make certain that his treatment of "restricted data" is in accordance with provisions of the procedure, that each supervisor inform his employees of their responsibilities in this respect and to refer questions regarding security regulations to the Security Office, North Portal, telephone 7125.

Custodians Are Required
The procedure further provides that "responsible custodians shall be designated to care for the files of those offices in which "restricted data" is retained and to which several employees must have access in the performance of their work. Another provision requires that lock combinations on repositories used for storing secret or confidential documents shall be changed regularly, at least twice a year. Such combinations must be changed immediately if there is reasonable belief that the combination has become known to an unauthorized person or when an authorized employee possessing the combination is terminated or transferred. Such changes shall be made only by the Y-12 Key and Lock Section.

The date on which combinations

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AN EXAMPLE OF EMPLOYEE COOPERATION that brought Y-12 second place in national rating of fire prevention programs for industrial plants in the nation is shown in the picture above. The message of Fire Prevention Week is taken to Y-12 employees during lunch hour at the cafeteria by Fire Capt. W. O. Elam. In the bottom picture throngs of Y-12 employees watch a Fire Prevention Week parade staged by the Fire Department.

Many Pre-Christmas Parties Enjoyed By Y-12 Employees

The spirit of Christmas penetrated to all occupied corners of the vast Y-12 plant in the pre-holiday period with many departments and groups of employees enjoying parties on Christmas eve for exchange of small gifts, the airing of songs and stories and serving of refreshments.

With no attempt at chronological arrangement of the parties — here are reports of some of the functions as submitted to The Y-12 Bulletin by its correspondents.

St. Nick Visits Lab Group
Holly, mistletoe and hemlock, Christmas music and a visit from old St. Nick himself marked the Christmas party by Dept. B13L, Assay Laboratory. Christmas carols were played throughout the party and the refreshment table was decorated in keeping with the occasion. Departmental supervision provided refreshments, consisting of ice cream sandwiches, apples, mints and coffee. Jimmy Redmond played a jovial Santa Claus and distributed gifts. Carol singing was led by Helen Hicks and others on the program included Chester Fults, Bill Schultz and Herb Gwinn, the latter entertaining with an antic known as the "shirt deal."

Depts. M12P, M13P, B12L and A17N joined in a party in the Bldg. 9212 cafeteria. Arrival of a "jet-propelled" Santa Claus, played by Forrest E. Clark, Dept. B12L Supervisor, featured the entertainment.

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Plant Protection, Security Offices On One Telephone

A rearrangement of telephones serving the office of T. A. McKenzie, Superintendent of Plant Protection; and the Y-12 Security Office in the North Portal building will enable callers to reach either office on the same telephone.

The new number by which McKenzie, W. T. Hays and W. E. Davis all can be reached is 7125, which is the number formerly used only by McKenzie. Telephone numbers supplanted by 7125 are 7994 and 7-8335.

Carbide To Operate Clinton Laboratories

Carbide and Carbon Chemicals Corp. will take over operations of the Clinton Laboratories under provisions of a contract now being negotiated with the Atomic Energy Commission. The Clinton Laboratories has been functioning under the Monsanto Chemical Co., which was to have withdrawn from the work on January 1.

Carbide will become contractor at the Clinton Laboratories as a result of the University of Chicago withdrawing from previous arrangements to replace Monsanto as operator. The university withdrew at request of the Atomic Energy Commission so that it may concentrate its efforts on operation of an expanded program at the Argonne Laboratories at Chicago.

When Carbide takes over operations of Clinton Laboratories it will be in charge of the three major Oak Ridge installations, already being contractor for the K-25 and Y-12 plants.

UT ENROLLMENT SET

Registration for the Oak Ridge branch of the University of Tennessee Graduate School classes will be held beginning Saturday. Registration place is the School Quarter of the Institute Building in the AEC Administration Building and the hours will be from 9 a.m. until noon and from 1 p.m. to 3 p.m. Three additional days have been set aside next week for late registrants which are Tuesday and Thursday from 2 p.m. to 4 p.m., and Saturday from 10 a.m. until 12 noon.

Teamwork Brings National Honors In Safety Field

The old year rang out with welcome news for Y-12 in the announcement that its fire prevention program for 1947 had been judged the second best among industrial plants throughout the country. The rating made by the National Board of Fire Underwriters and the National Fire Protection Association placed the K-25 plant of Carbide and Carbon Chemicals Corp. in first place. The city of Oak Ridge was rated first for having the finest fire prevention program from a list of municipalities covering all sections of the United States.

Gain Made Over 1946
The year-around programs conducted in Y-12, K-25 and the city of Oak Ridge resulted in advancement all along the line over the 1946 ratings. During that year Y-12 finished fourth, K-25 third and Oak Ridge 10th in the national standings.

The high standing attained by Y-12 in its 1947 fire prevention program is a result of employee cooperation throughout the entire plant in the movement as directed by the Fire Department. This signal honor which has come to Y-12 is doubly impressive in view of the fact that the Y-12 Fire Department operates with a minimum number of fire fighters and covers a large area incorporating many unoccupied buildings. The obvious answer is an above the average, well-trained and alert fire protection group. Y-12 can well be proud of and for the Fire Department.

Meetings, Inspections Held
Fire Department representatives conducted regularly scheduled meetings and inspections throughout the plant in carrying out the program and the reception of these efforts is reflected in the rating bestowed by the National Board of Fire Underwriters and the National Fire Protection Association.

Details of the Y-12 fire prevention program were worked out by Plant Protection Supt. T. A. McKenzie, Fire Department Chief J. W. Hughey and Assistant Fire Department Chief J. E. Lain. Full support to the movement was given by Management leaders

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Y-12 FIRE DEPT. Chief J. W. Hughey, right, and Assistant Chief J. E. Lain are shown here planning details of Fire Prevention Week in the plant last autumn.

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One Department Cites Perfect Attendance

Only one department, Dept. A12R, Cafeteria and Canteen in the minor league, reported perfect attendance for the week ending December 28. This department was in first place the previous week. Plant absenteeism for the week ending December 28 was 5.5 per cent.

No Ties Are Reported

For the first time in several weeks, no ties were reported in the attendance standings.

In second place in the minor league, composed of departments with from 15 to 49 employees, was Dept. M12S, with an absentee mark of three per cent. This group was in seventh place the previous week. Close behind in third place was Dept. A12A, Janitors, with an absentee mark of 3.3 per cent. The Janitors were in eighth place for the week ending December 21.

Firemen Lead Major League

Leading the major league, composed of departments with more than 50 employees, was Dept. A14J, Fire Department, with an absentee mark of .7 per cent. The firemen rose all the way to the top from 13th place held the previous week. Dept. B12H, Refining, held second place with an absentee record of 1.3 per cent and in third place was Dept. H12E, Process Development, with a 2.4 per cent record.

The plant attendance record for the week ending December 28 follows:

MAJOR LEAGUE More than 50 Employees				
Dept.	Absent	Percentage	Standing	12-28-47
A14J	0.7	1	13	47
B12H	1.3	2	2	7
H12E	2.4	3	6	5
A12G	2.6	4	11	5
A13N	4.28	5	1	1
A14N	4.30	6	1	1
H12L	4.6	7	10	9
A17N	4.8	8	9	15
A12S	5.1	9	4	4
A16N	6.1	10	14	14
M12P	6.4	11	3	7
H12D	7.7	12	16	7
A12M	10.2	13	12	12
B13L	11.0	14	7	12
A12W	11.2	15	17	17
B12L	13.6	16	8	8
B12C	—	—	—	—

Group absentee percentage was 5.3 per cent, 2.8 per cent higher than the preceding week.

Department B12C was omitted due to the fact that no absentee reports were received from that department during the week ending December 28.

MINOR LEAGUE 15 to 49 Employees				
Dept.	Absent	Percentage	Standing	12-28-47
A12R	0.0	1	1	1
M12S	3.0	2	7	7
A12A	3.3	3	8	8
A13T	3.4	4	5	5
A15N	3.6	5	9	9
B12A	6.3	6	1	1
A12N	6.4	7	2	2
A12T	6.9	8	1	1
A13S	7.7	9	3	3
B13C	8.2	10	10	10
A19N	8.3	11	6	6
M13P	8.5	12	1	1
A12D	10.3	13	1	1
A12L	14.7	14	4	4

Group absentee percentage was 5.3 per cent, 2.2 per cent higher than the preceding week.

The plant average for the week ending December 28, was 5.5 per cent, 2.8 per cent higher than the preceding week.



Virginia Spivy, Dept. H12D, recently spent a week vacation at her home in Lewisburg, N. C. . . A wish for a speedy recovery is extended to C. D. Susano who is ill. Both Virginia Bowers and Dottie Mellen spent Christmas holidays at their homes in Newport, Tenn., while Cecil Lynn enjoyed Christmas in Cookeville and Elizabeth Young visited Sweetwater . . . Emily Lord spent Christmas with her parents in Plano, Ill.

Jo Goodson, Dept. H12L, visited her home in Allendale, S. C. during Christmas holidays.

Dr. Paul Scofield of the Y-12 Dispensary is attending the annual Congress on Industrial Health of the American Medical Association in Cleveland, Ohio, this week.

Dept. H12L welcomes A. J. Wahlquist, Jr. into the department . . . Boddie Garrett and husband spent Christmas with her parents in Jefferson City, Tenn. . . Leo Caldwell and family spent a recent weekend with relatives in Memphis and with his parents in Big Creek, Miss.

Marc V. Sims, of the Y-12 Bulletin staff, spent Christmas with his parents in St. Louis, Mo.

Santa Claus did right well by Harvey Keese, the lad who won a golf bag at the Y-12 Christmas dance-party. Santa apparently didn't think he had done enough so came along on Christmas morning to place a set of matched clubs in the bag.

Fred Kappelmann, Dept. H12L, member of the Rough House Five basketball team and a bowler of the Calutrons left the sunshine of Tennessee recently on a Christmas holiday trip to New York. He had no more than arrived when it started to snow about 5:30 a.m. and by 7:30 p.m. that night when the snow quit falling it had reached a depth of 25 inches. It took his father, who works in New York City, 16 hours to return home from his office when it is normally just a 40 minute drive. Fred expressed considerable pleasure on returning here where the weather is mild.

Evelyn Murphy, Dept. B12C, enjoyed Christmas at home in Nashville.

Happenings in Group No. 3, Dept. B12C. — Mary Mitchell visited the home of Estelle Helton in Corbin, Ky., recently . . . Thomas Jones, of Dayton, Ohio, a former employee of Y-12, was the guest of Opal Simmons recently . . . Effie L. King visited her brother in Middlesboro, Ky. recently.

Mabeline Acuff attended the family reunion recently at her home in Washburn, Tenn., Naomi Brummitt visited her sister, H. C. Fruls, of Martel, Tenn., recently.

A get well wish is extended to Emil Vincens who is ill . . . Fern Cunningham has returned to work after a week's illness . . . J. C. Bowles' daughter was in the hospital during Christmas but is home now and improving . . . Mr. and Mrs. John Angele, of Baltimore, Md., are visiting their son G. J. Angele.

Christmas Holiday trips by Dept. B12L, Analytical Laboratories, folks and destinations included John Redman, Oakland City, Ind.; Nick ZaBenco and family, Owensboro, Ky.; Roger Brotherton and wife, Jefferson City, Tenn.; David Carpenter and wife, New Hope, Ala.; Betty Sherman, Chattanooga; Daisy Brogan, Middlesboro, Ky.; Lenora Brushwood and Candy Johnson at the home of Miss Johnson in Decatur, Ala.; Genevieve Bryant, Jellico, Tenn.; Catherine Carroll, Forest City, N. C.; Thelma Cole, Nashville; Muriel Culbertson, Surgoinsville, Tenn.; Jincy Dingus, Dunganon, Va.; Linnelle Dobbins, Emelle, Ala.; Helen Hackworth, Daus, Tenn.; Inez Heatherly, LaFollette; Eunice Jones, East Lynn, W. Va.; Hazel Johnson, Greeneville, Tenn. and Nickelsville, Va.; Ruth Jones, New Market, Ala.; Georgia Leonard, Rogersville; Jim Harville, Robertsville, Tenn.; Dorothy Mauldin, Charlotte, N. C.; Isabelle McMurray, Jefferson City; Elizabeth Patrick, Scottsville, Ala.; Mary Nell Rawson, Meridian, Miss.; Anna Ruth Roberson and Mary Roberson, Cookeville; Edwina Shaffer, Wytheville, Va.; Frances Shamblin, Calhoun, Tenn.; Anna Smith, Dayton,



Mr. and Mrs. T. W. Robinson



ROBINSON—KUPERSTOCK

Miss Dvorak Ann Kuperstock, daughter of Mr. and Mrs. B. M. Kuperstock, 102 Pomona Road; and Theodore West Robinson, son of Mr. and Mrs. Lawrence Robinson (Dr. Anne W. Robinson), 177 Outer Drive; were married at 6 p.m., Friday, December 26, at the Chapel-On-The-Hill. The ceremony was performed by the Rev. Stephen Davenport.

Dr. Robinson is staff physician at the Y-12 Dispensary and the groom is a former Y-12 employee and also a veteran of the United States Marine Corps. He now is attending the University of Minnesota.

The bride was given in marriage by her father, an engineer in Dept. A12W. She wore a gown of white satin with a yoke and long sleeves of lace. She carried a white prayer book and one white rose.

Miss Patricia Ann Lehman was maid of honor and wore a gown of pink lace. Other attendants of the bride were Miss Margaret G. Robinson, sister of the groom; and Miss Tavya M. Kuperstock, sister of the bride. Both wore aqua moire gowns with white lace trim.

Best man was John A. Martin, 839 Temple Ave., Knoxville. Ushers were Brandt Kuperstock and Frank B. Robinson.

A reception was held at the Kuperstock home immediately following the wedding.

The bride attended Webster Grove High School, St. Louis County, Mo., and the University of Tennessee. The groom also attended the University of Tennessee after graduating from the Jonathan Dayton High School at Springfield, N. J.

The couple will live in Minneapolis, Minn.

Union Carbide Makes Big Loan For Expansion

Union Carbide and Carbon Corp., of which Carbide and Carbon Chemicals Corp. is a subsidiary, has announced that it has borrowed the sum of \$150,000,000 from three insurance companies for the furtherance of the program of the Corporation and expansion of production facilities in its own and subsidiary plants.

The loan was made from three insurance companies on three 20-year promissory notes bearing interest at 2.70 per cent per annum. Payment of principal on the loan will begin in December, 1953, at the rate of \$10,000,000 per year.

During 1946 Union Carbide spent approximately \$50,000,000 in its program of expanding production facilities and during 1947 expenditures exceeded \$90,000,000. The expansion program will continue this year.

Be sure the person to whom you give information is entitled to receive it.

Check your car—check your driving—check accidents.



Y-12 FOLKS AND FRIENDS ENJOYED THEMSELVES at a recent pre-Christmas party of the Oak Ridge College Women's Club, as pictured above. Left to right are Miss Francelle Jarrard, Oak Ridge High School; Walter Cameron, Dept. B12C; Bea Cameron, Dept. B13C; William Rathkamp, Dept. H12L; Marjorie Saye, of the Atomic Energy Commission; Edward McComb, Dept. B12L; Martha McComb, Dept. B12L; Joe Presler, Dept. H12E; Esther Presler, formerly of Y-12 and now with the Oak Ridge Hospital; Dick Lord, Dept. H12E; Kay Lord and Old Man S. Claus himself, played by Donald A. Roe, principal of the Oak Ridge High School.

Many Pre-Christmas Parties Enjoyed By Y-12 Employees

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Santa and his husky reindeer presented appropriate gifts and quips to all, including Superintendents J. M. Herndon, N. H. McKay and D. M. Lang. W. H. Hoose was master of ceremonies at this party enjoyed by personnel of Bldg. 9212, featured by the visit of Santa Claus and his "eight tiny reindeer." Charlie Piper and his carolers led singing and a record player and recordings were furnished by Roy Roberts and Spence Wallace. W. C. Seymour was chairman of the committee on arrangements.

Isotopes Discussion Held

The Dept. H12L party was held in Bldg. 9731 with the refreshment and entertainment committee including Jo Goodson, Mary Lee Cox and Boddie Garrett. A discussion on "What Is An Isotope?" including both the serious and humorous side of the question was held with Dr. A. H. Normand, Dr. C. R. Baldock, Harold Greene and Joe Patton participating.

The Refining Recovery Section of Dept. B12C staged its party in the private dining room of the Y-12 cafeteria. George Stracy, H. W. Saylor and J. M. Herndon were honor guests as were George Mitchell, Dept. B12H, and J. S. Reece, Dept. H12D. A turkey dinner with all the trimmings was served and carols were played during the party. After dinner gifts were exchanged in Bldg. 9204-3.

Turkey, Ham Dinner Held

A turkey and ham dinner was served at the party given by Dept. A12S, Electrical Stores, in Bldg. 9720-1. Carol singing and exchange of gifts marked the gathering.

Up in the North Portal building Christmas parties were staged by Depts. A12J and A12L. Receiving

Tenn.; Ozella Ward, Hill Ham, Tenn.; Dora Woods, Whitesburg, Tenn. Arlena Turner spent a two-week vacation in Kingsport. Lacy Keele and family spent a one-week vacation in Spartanburg, S. C. recently . . . Earline and George Banic, Dept. H12L, spent Christmas in Traveler's Rest, S. C. . . Catherine and Leon Love, Dept. D12L, spent Christmas in Meridian, Miss.

W. L. Morgan of the Planning and Estimating Department, and family spent the holidays in Pennsylvania . . . W. T. McNamara, is in New York, visiting his son who is in a hospital there.

N. L. Tibbatts, Dept. A12N, and family spent the Christmas holidays in Cincinnati, Ohio. . . G. B. Lockhart will be a navigator yet. He went on a lake excursion recently and seemed to enjoy it very much. . . Helen Baker spent her vacation at home in Alabama. . . W. C. Moyers is on vacation this week. . . Avery Kendig, Nelson Tibbatts and J. Holtznecht spent a weekend fishing recently and they report a good catch. They caught 16 fish on Saturday and 17 on Sunday.

Stores and Shipping Department, General Stores Department and Electrical Equipment Maintenance Department also were among the merry-makers during the day.

Diligence Required In Y-12 To Guard "Restricted Data"

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are last changed shall be displayed on the inside of the safe or file.

Names Posted On Repositories

Names, addresses and telephone numbers of persons to be notified if a repository is found open after business hours shall be prominently displayed on the outside of every safe or file used for storing "restricted data" or classified material of any kind. The word "unclassified" shall be displayed on the outside of every file or safe which is not used for storing classified matter.

Procedure No. 55 also provides that "each office shall appoint a person to serve as duty officer on either a permanent or temporary basis. This employee shall check at the close of each day to assure that all confidential and secret material is properly stored and that all repositories used for such storage are securely locked. The time of such inspections shall be noted on Form C-981, which is to be signed by the duty officer."

Bulletin Boners Bring Blush As Corrections Are Made

Our December 23 issue carried a complete account of the gala Christmas Party. No expense was spared in an effort to get complete coverage in story and picture. Imagine our embarrassment when we found that the winner of the golf bag was identified as Charley Keys — it should be Harvey Keese — and don't ask us where we picked up Charley.

Our Face is Red.

Delving further into our own idiosyncrasies we found that for weeks we persisted—nay insisted—upon referring to the Major League Attendance Leader Dept. B13L as the Analytical Laboratory Department instead of Assay Laboratory Department.

OUR FACE IS REDDER.

Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital during the last two weeks: Maynard L. Lay, Dept. A13N; Wilbur Claridge, Dept. A13N; Robert S. Toomey, Dept. B12C; Doris F. Cunningham, Dept. A12W; Yale Payne, Dept. A12M; James K. P. Robinson, Dept. M12S; William T. Ward, Dept. H12L.



Four births were reported to Y-12 families at the Oak Ridge Hospital last week. They were Mr. and Mrs. Charles A. Gault, a son, December 18; Mr. and Mrs. Harold D. Newport, a daughter, December 19; Mr. and Mrs. William B. Cottrell, a daughter, December 24; Mr. and Mrs. William T. Ward, a son, December 25.



MEN FROM MARS? NO, THEY ARE ONE GROUP of two in the Y-12 Fire Department being trained in the use of the Chemox gas mask and who will pass on their learning to other employees. The only recognizable man in the picture to the left is Charles Dodge, center, of the United States Bureau of Mines, who is in-



structing the group. Unmasked at right is the class. Bottom row, left to right, Capt. H. W. Krouse, K. S. Fugate, C. C. Butler, U. R. Kirk, C. E. Harrell, W. R. McGill and Lieut. J. M. Enochs. Back row, M. F. Thacker, Lieut. J. D. Hatmaker, H. E. Argo, Lieut. J. C. Webb and J. A. Stewart



GROUP NO. 2, AUXILIARY FIRE FIGHTING SQUAD, one of four such units being organized in Y-12 to supplement the work of the regular Fire Department, is pictured above. Back row, from left, are Fire Dept. Capt. W. O. Elam, instructor; C. E. Harris, L. B. McCormack, Odeva Mack and D. G. Hill, plant shift supervisor. Front row, R. B. Schubert, G. C. Williams and R. L. Stanfill.

How To Make Juveniles Delinquent

Police Lieut. Ralph Brophy, head of the juvenile bureau of the Des Moines, Iowa, police department, recently gave these rules to parents for the certain development of a juvenile delinquent.

1. Don't give your child any religious or spiritual training.
2. Don't let him discuss his plans, problems or pleasures so he will not develop affection, security or trust in you.
3. Don't open your house to his companions—they might muss up the place. Don't be concerned where he spends his free time.
4. Never praise your child for his worthwhile efforts because he might take advantage of your effort and try harder to please you in the future.
5. Don't pay any attention to what your child does or says. He should be able to take care of himself in this day and age.

Knoxville Artist On Ridge Program

The Oak Ridge Symphony Orchestra's next concert which has been announced for January 16 and 17, at 8:15 p.m., at the high school auditorium, will feature Alfred Schmied, of Knoxville, as the soloist. Schmied, concert pianist, teacher and composer, is a member of the music department of the University of Tennessee.

The orchestra will play Aaron Copland's "Outdoor" overture and the Schubert Symphony No. 5 in B-flat. Reserved seat tickets for the concert will be available without charge to ORCMA members at the Music Box in Townsite. Sale of tickets to the general public will start Saturday at the same place.

Television Lets Observers See Jets Safely

Explosion tests of the new rocket fuel developed by Aerojet Corp., of Azusa, Cal., can be watched by television without danger to observers, company officials have declared.

The company said it tested television transmitters within a few feet of a rocket engine spurting tremendously hot flames. The operation showed up on television screens placed far away from where observers could not get hurt.

When permanent equipment is installed, the company says, engineers can sit in their offices and look directly interesting pits where powerful explosions are set off.

SAFETY LANE RUSH SEEN

A last-minute rush on the safety inspection lane seems to be building up for the January 17 deadline as only 4,000 automobiles have so far been reported for inspection. Safety lane hours will continue to be Tuesdays through Fridays from 11:15 a.m. to 8 p.m., with time out for lunch each day from 12 noon to 12:45 p.m.

METALS GROUP TO MEET

Members of the Oak Ridge Chapter of the American Society for Metals will hear Joseph B. Meierdicks, Jr., of the Allegheny Ludlum Steel Corporation, speak on "Heat and Corrosion-resisting Alloys" at their regular meeting tomorrow night, at 8 o'clock at Ridge Hall.

Fires bring death to approximately 30 persons every day. Be careful.

Hugging the wrong curve gets lots of drivers into trouble.

Atomic Energy Commissioners Briefly Described In Article

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the commission who served in the armed forces during World War II. He entered the Navy as a reserve lieutenant commander and rose to the rank of admiral, one of the few reserve officers to attain that rank.

Both of his parents died about 12 years ago from cancer and Strauss established the Lewis and Rosa Strauss Memorial Foundation in New York City in their memory. The foundation conducted experiments in production of radioactive isotopes by the surge generator method. The commissioner takes pride in the fact that he now is associated with a project that makes earlier methods obsolete and hopes that further research into the atomic energy field may aid in the control of cancer.

Waymack Top Newspaperman
From the Des Moines (Iowa) Register and Tribune, one of the Midwest's finest newspapers, came William W. Waymack to serve on the commission.

He began his journalistic career while in Morning-side College, Sioux City, Iowa, where he served as college correspondent for Iowa newspapers. His father was an orphan of the War Between The States and a railroad shop foreman in Savanna, Ill., where the future commissioner was born.

He rose rapidly with the Register and Tribune after joining the newspaper as an editorial writer. He was editor and vice president of the paper at the time he was appointed to the Atomic Energy Commission. He won the Pulitzer Prize in 1937 for editorial writing.

Waymack claims Adel, Iowa, as his home. During his newspaper career he also served on several governmental undertakings. He is 58 years old.

Pike 'Down East Yankee'

Commissioner Sumner Pike is a retired Maine business man who won success in oil and mineral development fields. He was born and raised in Lubec, Maine, easternmost town in the United States.

This "down-east Yankee," now 56, retired from active business in 1939 and took a trip to Europe. When he returned to the United States he was appointed to membership on the Temporary National Economic Committee. In 1940 he was appointed to a vacancy on the Securities and Exchange Commission. He resigned this position in 1946 and again tried to retire, but was unable to refuse the call to serve on the Atomic Energy Commission.

The youngest member of the commission is Dr. Robert F. Bacher, a brilliant young nuclear scientist 42 years old. He was connected with the atomic bomb project from the beginning and actually assisted in assembling the first bomb when it was exploded on the New Mexican desert.

Bacher
Bacher grew up in Ann Arbor, Mich., where his mother was assistant dean of women at the University of Michigan. Dr. Bacher studied at M. I. T., California Tech and elsewhere before coming an associate professor at Cornell University, Ithaca, N. Y. After the war he resumed his duties at Cornell and was made director of the Laboratory of Nuclear Studies before being called to serve on the commission.

Y-12 Fire Prevention Program Wins Honors

(Continued from Page 1)

forming the Y-12 Fire Prevention Committee and fire, safety and security coordinators in the plant.

Hughey Praises Cooperation

"The high standing we reached isn't the result of the work of any one person or group in Y-12," Chief Hughey said in commenting on the national rating, "but is the result of cooperation by everyone. Unless everybody in the plant had helped the Fire Department in carrying out its recommendations for elimination of fire hazards and the lessons in how to put fires out before they gain headway we couldn't have finished in second place and improved our standing over 1946."

The fire prevention programs of industrial plants and municipalities are stressed during the annual observance of Fire Prevention Week during October, but the National Board of Fire Underwriters and National Fire Protection Association base their ratings on year-around observance of fire prevention principles. The annual ratings are based on reports from the industrial plants and municipalities on their individual program of activities. These reports cover all phases of fire prevention work and safety measures and are accompanied by photographs and other descriptions of the progress of the program such as support given by plant publications and employee participation.

Certificates attesting the ranking attained by the two Oak Ridge Carbide plants and the city of Oak Ridge will be made around February 1.

The Old Philosopher says anyone is like feeding oats to a dead horse.

Most home fires are caused by careless smoking.

Emergency Training Program Progressing

(Continued from Page 1)

gas masks. Two groups in the Y-12 Fire Department are receiving instruction in this work under personal supervision of Charles Dodge, safety instructor assigned here by the Bureau of Mines of the United States Department of the Interior. Fire Department members assigned to these classes receive eight hours of training and will pass their knowledge on to other employees in buildings and areas that might need such equipment and instruction in its use in case of an accident.

Lives Can Be Saved

This training, along with the first aid instruction, might easily result in saving of lives in case of mishaps involving suffocation from smoke or gas by application of the knowledge before aid is received from the Fire Department.

For added protection against the threat of fire, the Plant Emergency Plan provides for the organization and training of four volunteer auxiliary fire fighting crews of six men each. These four crews are stationed at Bldg. 9204-3 and their function is to supplement the forces of the Y-12 Fire Department if auxiliary crews are needed in case of emergency.

Efficiency Is Increased

This added safety factor is expected to increase greatly the efficiency of the regular fire fighters, as the Fire Department now is operating at minimum strength and has a wide territory to protect, including many unoccupied areas and buildings. Services of the volunteer auxiliary crews will be available 24 hours daily, seven days a week.

The 15-hour course in first aid now is being given to 11 groups of approximately 12 members each. Conducted during working hours, as is all the other training involved in the Plant Emergency Plan, the course provides instruction in artificial respiration, control of bleeding, treatment of shock, burns, wounds, dislocations and fractures and how to move disabled persons from scenes of accidents to where medical aid is available.

Training Available To All

This training as well as other instruction under the Plant Emergency Plan will be made available to every Y-12 employee who desires it. The first aid technique employed is that used by the Bureau of Mines and original instruction was given to 12 Y-12 employees by Mine Bureau representatives in a 30-hour course.

As the foundation work of the Plant Emergency Plan is laid through the first aid and fire fighting training, the plan will gradually be expanded to the formation of local emergency squads and the appointment of local emergency directors and wardens in different areas and buildings. Individual instruction will be given to volunteers for such work in an effort to find a place for every employee in the program to make Y-12 a safer place in which to work through creating additional safeguards against fire and accident hazards.

Legion Teams Set Dinner January 22

An armistice marking the cessation of hostilities in the American Legion membership campaign has been declared for January 22 when members of the Blue and Red teams will converge on Grove Hall at 7 p.m. for a bean supper on the losing team.

Frank W. Wilson, Commander of Atomic City Post, No. 199, American Legion, in announcing the supper date, said that the membership drive was ahead of schedule and the goal of a 1,000 membership by February 1 now was in sight. Hugh Rice, of the Y-12 Time Keeping Department, and chairman of the membership drive, said the campaign was progressing satisfactorily in Y-12.

Always keep an accurate record of receipts and transmittals of restricted data.

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S P O R T S

Y-12 Girls Play K-25 Thursday; Marketeers Mauled By 59 To 4

After running up what was probably the most lopsided score ever registered in Oak Ridge major basketball circles in breezing to a 59-4 triumph over the Hill Top Marketeers on December 22, the Y-12 Women varsity basketballers resumed practice early this week for Thursday night's contest with the lassies of K-25. This game is set to start at 7:15 p.m., and will be played at the Jefferson gymnasium where all the CEW major league and CEW Women's League games are scheduled this season.

If Coach Bill Davis' sextet shows the defensive prowess against the K-25 girls which was displayed in the Clinton Lab and the Hill Top-per games and some of the sharp shooting in the last fracas, the Carbide cousins out West Turnpike way are up for a rough time come Thursday night. The scoring spree against the HT Marketeers was led by Margaret Baker with a 16-point total and Helen Brown who hit the net for 12 counters. The rest of the points was generously sprinkled throughout the entire lineup.

The rest of the first half schedule of games in the CEW Women's Basketball League follows:
Monday, January 12 — Hill Top Market vs Clinton Labs.

Wednesday, January 12—Roane-Anderson vs Y-12.

Thursday, January 15—A. E. C. vs Carbide K-25.

Monday, January 19 — Hill Top vs Carbide K-25.

Wednesday, January 21 — Y-12 vs A.E.C.

Thursday, January 22—Clinton Lab vs Roane-Anderson.

Y-12 Cagers Trim K-25 Quint In Recreation Loop Thriller

A nip and tuck fracas in the City Recreation Basketball League which ended in a 33 to 32 victory for the Y-12 representatives enabled them to break into the win column at the expense of their K-25 brethren. Paul Clevenger and Ray Blankenship each chalked up eight points to pace the Y-12 scoring but were ably aided and abetted by teammates Kappelmann and Sewell with four apiece, Cottrell with five, and Windom and Sparks two each.

Y-12 expects to improve its .500 standing, a figure based on one and one, when the team tangles with the Community Stores aggregation in their next game slated for Wednesday night at 8:15 o'clock at the Linden gymnasium. Last night the boys played the Grove Merchants. The league schedule calls for one game a week for each team.

Ridge DeMolay Five To Meet Knox Quint

An interesting basketball double-header is scheduled for the Jefferson Junior High School gymnasium January 24 when the Oak Ridge DeMolay boys' team plays host to the Knoxville Chapter's quint in the first game starting at 7 p.m. and the Gulf Refiners meet K-25 in the second contest. An admission price of 50c will be charged for the bargain bill, which is sponsored by the Oak Ridge Shrine Club.

Termites Take First Half Of D Loop Race

A desperate, last-ditch stand by the Termites turned back a determined bid by the resurging Calutrons last Thursday night at the Grove Alleys in a battle for the first half title in the D Area Bowling League. The Cals captured the first two games on handicap scores of 943 to 926 and 1,028 to 854, but dropped the title-hinger finale when the Termites rallied to chalk up a tally of 1,006 to 963. Final first half standings were 40 won and 24 lost for the Termites and 39 and 25 for the Calutrons.

Strikers Set Two Records

Two first half scoring records were set by the Strikers when the team rolled 1,100 for a single game handicap high and 3,023 for series honors. Individual handicap rolling honors went to Lou Twitchell, of the Splinters, with a 287 for a single game and 705 for a three-game series.

The Calutron's Frank Gordon marked up league tops for a single game scratch with a tally of 233, while Bill Burns of the Strikers rolled 607 to take a first in a three-game scratch series. Highest scratch average was copied by H. D. Duncan of the Scotties with a 166.53, and Bill Burns' 193.9 gave him highest handicap average.

Several 500 Scores Posted

The following 500 or better three-game scratch scores last Thursday night were posted by Keith Brown, Old Men, 504; Leo Hemphill, Overheads, 502; Bucky Buckminster, Termites, 524; John Luce, Calutrons, 506; Fred Kappelmann, Calutrons, 524; Grady Whitman, Strikers, 542; and Burns, Strikers, 513.

The D Area Bowling League schedule for Thursday night at the Grove matches the Calutrons vs Overheads; Strikers vs Scotties; Termites vs Splinters; and Old Men vs Wood Choppers.

Final first half league standing follows:

Team	W	L	Team	W	L
Termites	40	24	Scotties	31	33
Calutrons	39	25	Overheads	30	34
Strikers	38	26	Old Men	27	37
Splinters	32	32	W. Choppers	19	45

Duncan Is Top D League Scorer

Scratch game averages in the D Area Bowling League for the first half include Duncan, Scotties, 166.53; Burns, Strikers, 164.55; Tibbatts, Scotties, 162.43; Kappelmann, Calutrons, 159.45; Buckminster, Termites, 158.91; Caldwell, Splinters, 157.31; Schmitt, Old Men, 156.47; Reinhardt, Calutrons, 156.02; Savage, Termites, 155.40; Bowles, Overheads, 155.34; Rueff, Termites, 154.75; Pace, Scotties, 153.50; Gordon, Calutrons, 153.22; Stukenbroeker, Strikers, 152.03; Lavers, Splinters, 150.92; Hemphill, Overheads, 150.90; and Whitman, Strikers, 150.82.



HOPES FOR A REPEAT CHAMPIONSHIP FOR Y-12 rest on these 14 lassies who compose an almost entirely new squad for Coach Bill Davis in the CEW Women's Basketball League. Left to right are Jerry Morrisett, Helen Brown, Judy Lowe, Dorothy Mellen, Alta Lowe, Frances Morgan, June Lynch, Coach Davis, Pat Roberts, Hazel Johnson, Jerry Koproski, Ruth Buttles, Bonnie Roberts, Frantie Rich and Margaret Baker.

Bottlenecks To Make Plant Cage Loop Debut

Because of the unusually large congregation of Kilroys at Y-12, and the desire of each one of them to play basketball, the Kilroy tree has developed a hybrid branch called the "Bottlenecks." This new entry in the Plant Basketball League is composed of players who had originally reported to the already oversized Kilroy squad. The Bottlenecks are 12 strong and have built a pretty fair gang of bucket shooters around their 220 pound six-foot, two-inch center, "Big Boy" Ralph Jefferies. Bruno B. Coulter is captain and Clarence "Skipper" Brown has been named playing manager.

Play First Game Wednesday

Other members of the Bottlenecks are Jack "Cub" Baer, Doyle Stockley, "Wild" Pill Walker, Albert "Frenchy" Payment, Bill "Lighting" Mason, Mac McNeely, Frank Thurman, Roscoe "Red" Reed and Elliot "Windy" Windom. The Bottlenecks will see initial action tomorrow night at the Scarborough gymnasium when they tackle the Bldg. 9212ers at 7 o'clock. The second contest stacks the Kilroys against the Guards starting at 8:30 p.m.

Leaders Win Easy Games

Both teams posted rather massive scores in winning week before last. The Rough House Five took the Bldg. 9212ers for 48 to 20 count, and the Guards mauled the Kilroys to the tune of 46 to 19. Another doubleheader has been set for Friday night at Scarborough when Bldg. 9212 meets the Time Keepers in the first game and the Rough House Five takes on the new Bottlenecks in the second encounter.

Women Bowlers Have Chance To Improve League Standing

When the Y-12 bowling lassies resume jousting in the Women's CEW League Thursday night at the Grove Alleys after a two-week layoff, they should improve their strong second place standing as the schedule pits them against the 10th place Ford Motors. The leading Clinton Lab team meets the seventh place Jeff Alleys and a slip for the Clintonians would put Y-12 right on their heels.

The Y-12 team average of 665 ranks it third in the league and behind K-25 with 671 and Roane-Anderson with 668. Individual averages so far are Ann Prestin 114, Ann Hart 128, Margaret Solomon 134, Dorothy Roberts 140 and Lora Tucker 144.

SOCIETY SETS MEET

The showing of films entitled "Electronics," "Electrical Circuits," "Primary Cells" and "Vacuum Tubes" will feature tomorrow night's meeting of the Oak Ridge Section of the Instrument Society of America, 7:45 o'clock at the Grove Hall.

Tri-City Loop Opens; Home Games Listed

The new Tri-City Men's Basketball League composed of three Oak Ridge quint, one from Maryville and the fifth team representing Newport, began play last night at the Jefferson gymnasium. The three Atomic City teams are Roane-Anderson, Clinton Lab and Carbide K-25, while the out-of-town outfits are the Gulf Refiners from Maryville and the Z's Steak House from Newport.

A 20-game schedule has been arranged with each team playing four home games and four away. Monday and Wednesday night games at Oak Ridge will be played following contests scheduled for those nights in the Women's CEW Basketball League which begin at 7:15 o'clock. No admission is being charged this season for games in the men's and women's major cage leagues.

Following is the complete schedule for the new Tri-City Basketball League of games to be played at Oak Ridge:

Monday, January 12 — K-25 vs Clinton Lab.

Wednesday, January 14 — Z's Steak House vs Clinton Lab.

Thursday, January 15 — Roane-Anderson vs K-25.

Monday, January 19 — Clinton Lab vs Roane-Anderson.

Saturday, January 24 — Gulf Refiners vs K-25.

Monday, January 26 — Clinton Lab vs K-25.

Saturday, January 31 — Gulf Refiners vs Roane-Anderson.

Monday, February 2 — K-25 vs Roane-Anderson.

Saturday, February 7 — Gulf Refiners vs Clinton Lab.

Monday, February 9 — Z's Steak House vs K-25.

Wednesday, February 11 — Roane-Anderson vs Clinton Lab.

Plant Loop Bowlers Resume Activities Thursday Night

The much-jumbled Plant Bowling League will get into swing again Thursday night at the Grove Alleys after a two-week holiday vacation period in which some of the boys were seen sneaking in a bit of practice. So many ties exist in the team standings that no matter which aggregations win Thursday night the loop's "Who's-Who" book will have to be rewritten again.

Neither of the erstwhile leaders, the Bums nor the Wolves - both sport a 11 won and a lone game lost - can afford to relax in this week's timber tumbling at the Grove. The same goes for the Comets and the Bldg. 9212ers as these two teams are knotted in third and fourth places on a nine won and three lost count. Thursday night's schedule follows:

Lumberjacks vs Bums; Chemical vs Bldg. 9212; Wolves vs Wood Butchers; Rippers vs One-91; Comets vs Knot Holers; and Bottom Busters vs Big'uns.

Varsity Bowlers Gain In City Bowling Loop

Fulfilling all pre-season predictions and more, the Y-12 varsity bowling quint steam-rolled a three-game sweep over the Atomic Energy Commission kegling representatives in the City Industrial Bowling League last week and supplanted that team in the loop's second place slot. The Y-12ers rolled up a 950 to AEC's 845 in the first game, took the second stanza on scores of 888 to 805 and continued in stride to capture the finale on marks of 837 to 812.

The clean sweep put the Y-12 boys hot on the trail of the loop-leading K-25 outfit which stands atop the heap on a 34 won and 14 lost record, while Y-12 closes up close with 31 on the right side against 17 losses. A three-game triumph over Roane-Anderson tonight at the Central Alleys would press K-25 hard for the leadership.

The following hot scores were posted by the Y-12 pimmens in their win over AEC: Cobble 214, 195 and 193; Beckett 185, 159 and 180; Zabenko 206, 154 and 146; Roberts 190, 181 and 173; and Whitaker 155, 199 and 145. The 950 chalked up in the first game was second high for the season, and the 2,675 for series also placed second.

League standing follows:

Team	W	L	Team	W	L
K-25	34	14	R-A	24	24
Y-12	31	17	Fairchild	14	34
AEC	30	18	Skidmores	11	37

Power Group Plans To Build Boats In Ridge

A number of new boats expected to appear in TVA waters this summer may bear stamps "Made in Oak Ridge," according to W. C. Tunnell, of Y-12, treasurer of the Oak Ridge Power Squadron, who said that tentative approval has been secured from the Atomic Energy Commission for boat-building facilities.

The building selected is a 50 by 50 foot warehouse located in Gamble Valley. Tunnell said that although boat building space priorities would be allotted to squadron members and prospective members, future plans included the accommodation of others if facilities were found adequate. Several Y-12 members of the Power Squadron are planning early boat-building operations.

Other Y-12 employees who are members of the Oak Ridge Squadron besides Tunnell are W. H. Donahue, E. E. Kennedy, Jack M. Case, W. E. Brundage, George M. Banic, Jr., W. R. Rathkamp, Gustave Angele and George B. Lockhart.

There always is a bumper crop of pedestrians in automobile mishaps.